TERNATIONAL SEARCH REPORT

Inc. ational A plication No PCT/IL 01/00992

1PC 7 C12M1/34 B01L3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12M B01L G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms uned)

EPO-Internal, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Ā	US 4 729 949 A (DEUTSCH MORDECHAI ET AL) 8 March 1988 (1988-03-08) cited in the application abstract column 1, line 8-17 column 5, line 29 -column 7, line 15 column 17, line 65	1,48
A	WO 99 47922 A (MASSACHUSETTS INST TECHNOLOGY) 23 September 1999 (1999-09-23) abstract page 15, line 3 -page 17, line 3 page 32, line 29 -page 37, line 6 page 43, line 14-16 figures 1,6A,6B	1,48

Further documents are listed in the continuation of box C.	Y Patent family members are li ted in annex.
 Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; he claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; he claimed invention cannot be considered to involve on inventive step when the document is combined with one or more other such documents, such combination being covious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the internation: I search report
9 January 2003	17/01/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Zinngrebe, U

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ET AL) 29 December 1998 (1998-12-29) abstract column 13, line 62 -column 3, line 61 column 13, line 53 -cclumn 14, line 8 A US 6 103 479 A (TAYLOR D LANSING) 15 August 2000 (2000-08-15) abstract figures 5,12,13 A W0 99 45357 A (TUFTS COLLEGE ;TAYLOR LAURA (US); WALT DAYLD R (US)) 10 September 1999 (1999) 10 abstract; figures 1,3,9 A US 4 894 343 A (TANAKA SHINJI ET AL) 16 January 1990 (1990-01-16) abstract; figure 1	Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
15 August 2000 (2000-08-15) abstract figures 5,12,13 A W0 99 45357 A (TUFTS COLLEGE ;TAYLOR LAURA (US); WALT DAVID R (US)) 10 September 1999 (1999-09-10) abstract; figures 1,3,9 A US 4 894 343 A (TANAKA SHINJI ET AL) 16 January 1990 (1990-01-16) abstract; figure 1 1,48	A	ET AL) 29 December 1998 (1998-12-29) abstract column 2, line 62 -column 3, line 61 column 13. line 4-18		1,48
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